

Date: Wed, 27 Apr 94 17:58:35 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #462  
To: Info-Hams

Info-Hams Digest                      Wed, 27 Apr 94                      Volume 94 : Issue 462

Today's Topics:

10Mhz WWV Receiver Antenna  
Another use for Morse Code  
callsign server update  
Confiscated HT  
DR1200 Power Output  
dual band: is (one of) Yaesu, Icom, or Kenwood a good choice  
Ham Radio Internet Compendium  
Heath computer trainer  
Illinois anti scanner  
IPS Daily Report - 27 April 94  
Need HTX-100 microphone  
NEED INFO, Were you a Army radioman?  
Obtaining a MARS lisc  
personal autopatch calls  
Weather Sat freqs.

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 28 Apr 94 00:42:40 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: 10Mhz WWV Receiver Antenna  
To: info-hams@ucsd.edu

>Might you have an address and/or phone number for Heath?

>

>

> \* OLX 2.2 \* Darryl Linkow (818)346-5278 9 am - 5 pm PDT  
>

Heath's address is

Heath Company  
455 Riverview Drive  
Benton Harbor, MI 49022

1-800-253-0570

```
*****
* Robert G. Schaffrath, N2JTX   * Internet:   rgs%wpmax2%gfmida@uunet.uu.net *
* Systems Engineer             * CompuServe: 76330,1057                 *
* Maxwell House Coffee Company * Phone:      914-335-2777                 *
* Kraft General Foods Corp.    * Slogan:      "ervice is ur mott"         *
*****
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-----  
Date: Wed, 27 Apr 94 13:50:04 EDT  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!gatech!  
newsxfer.itd.umich.edu!zip.eecs.umich.edu!panix!news.intercon.com!  
news.pipeline.com!malgudi.oar.net!hypnos!voxbox!jgrubs@network  
Subject: Another use for Morse Code  
To: info-hams@ucsd.edu

haynes@cats.ucsc.edu (James H. Haynes) writes:

>  
> Saw this today in the MIT-produced magazine Technology Review (May/June  
> 1994 issue, page 18) under "Giving Disabled Kids a Start in Science"  
>  
> "Another student who is unable to control either his hands or his head  
> uses a sip-and-puff device to communicate with the computer in Morse code,  
> blowing air out through a plastic straw for a dot and sipping air in for  
> a dash. The device translates the Morse code into characters the computer  
> can understand.  
>  
> "Such interfaces can be surprisingly efficient. Students using mouthwands  
> and sip-and-puff devices can type 30 words a minute."

Boy, a guy could get hyperventilated during a DX contest...

/-----\  
| Jim Grubs, W8GRT                   Voxbox Enterprises    Tel.: 419/882-2697 |  
| jgrubs@voxbox.norden1.com       6817 Maplewood Ave.       |

| Fido: 1:234/1.0                      Sylvania, Ohio 43560                      |  
|-+-----/

-----  
Date: Wed, 27 Apr 1994 12:48:33 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!  
news.kei.com!ub!acsu.buffalo.edu!bowen@network.ucsd.edu  
Subject: callsign server update  
To: info-hams@ucsd.edu

I updated the callsign server today. Thanks to donations by Dave Koberstein and H Grant Delaney we have new US and Canadian data. I have also been given Newfoundland data and the UK data and even a little (very little) Japanese data but, because all these databases have very different formats, it is very difficult to squeeze them into the server. I will continue work in this area but I think it might take a redesign of the server itself to handle all the data in a nice way. Sigh.

The US portion of this database is derived from the QRZ! Ham Radio CDRom from Walnut Creek. A copy of this disc was donated by Dave Koberstein, N9DK, and it is current as of January 1994. The US club calls were donated by Jere Sandidge, K4FUM, and arranged to look nicer by Bob Wier, WB5KXH. I believe this database is rather old but I have no date for the information there. The Canadian data was donated by H Grant Delaney, VE4HGD. This data is good as of April 1994. If you have any data that is newer than these or if you have data from another country that you would like to merge into the server please contact me.

The callsign server at the University of Buffalo is a telnet server which means you need Internet access and, more specifically, you need the telnet program to use it. This is very common, so it shouldn't be a problem but if you don't have it, you can't use the server.

Assuming you have the ability to telnet you simply want to connect to the server by doing a

telnet callsign.cs.buffalo.edu 2000

If this doesn't work you can also try

telnet electra.cs.buffalo.edu 2000

or finally

telnet 128.205.32.2 2000

Once you connect to the server you will get a little banner that says you

are connected and then you'll get a prompt. At the prompt, I recommend that you first type the "info" command and then type "help" to get you started. You should be able to figure out most of it from there.

Have fun. Let me know if there are other problems.

Devon

-----  
Date: 26 Apr 1994 19:20:08 -0700  
From: ihnp4.ucsd.edu!pacbell.com!amdahl!netcomsv!dodge!not-for-mail@network.ucsd.edu  
Subject: Confiscated HT  
To: info-hams@ucsd.edu

In article <2p99ef\$1h5@eis.calstate.edu>,  
Steven Adams <sadams@eis.calstate.edu> wrote:  
>If my HT had an extended tx and I had use of a comercial freq. through my  
>business (We have a repeater set up around 452 mhz), could I use my HT  
>to communicate through the repeater (legally)??  
>  
>If no...Why not??  
>As long as I don't tx out of bounds, have the correct PL set- what's the  
>harm?

Technically it's not legal. But you'd probably get away with it.

73,

km6wt

-----  
Date: 27 Apr 94 21:59:52 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: DR1200 Power Output  
To: info-hams@ucsd.edu

I have noticed that the Alinco DR-110 from the outside is almost identical to the DR-1200 Data Radio, except that it has 50 watts output while the 1200 has only 25 watts.

The question is; is there a way to increase the 1200's output by using the 110's output PA section?

Thanks for any comments on this.

John

-----

John R Galvin      N5TIM  
galvin@aud.alcatel.com  
(214) 996-5749

Alcatel Network Systems  
Richardson, Texas

----- My opinions are mine ! -----

-----  
Date: 27 Apr 94 17:54:47 GMT  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!noc.near.net!news.delphi.com!  
usenet@ucbvax.berkeley.edu  
Subject: dual band: is (one of) Yaesu, Icom, or Kenwood a good choice  
To: info-hams@ucsd.edu

Jim Deeming <jwdxt@csn.org> writes:

>I sure have enjoyed this thread. I just got my ticket and in about two  
>weeks I'm going down to HRO to buy either the FT-530 or the TH78 and I  
>still haven't decided. I hope those of you with experience on these  
>rigs will keep it up for a few more days...  
>Jim Deeming

Jim,  
I have posted on this topic several times, and i think  
that having used both rigs, i can point out  
a few differences and similarities.

The 530 does scan to find the PL tone in use by a repeater, but the repeater  
has to be active and pass the PL to the output, some do not  
The 530 is a bit easier to program, but has a compromise in terms  
of the VFO arrangement. You can only transmit 2 meter  
from the left and only 70 cm on the right. You can rx any band on  
either side, but each side had  
discrete memory channels. In contrast, the th78 can tx and rx either  
band from either VFO, and both VFOs use the same memory channels.  
this means that you don't have to hog up 2 mem slots if you want  
to monitor the same freq on both VFOs.  
The alpha-numeric display on the 78 does cut the total mem to 125 channels  
but id say that it is WELL worth it.

I think that it is fair to say that the 530 is more "user-friendly"  
but the 78 wins hands down for the power-user and VFO flexibility freak  
contingent (of which i plead guilt by association).

Have a blast with whatever you pick!

pete brunelli  
n1qdg

-----  
Date: 27 Apr 94 18:34:33 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Ham Radio Internet Compendium  
To: info-hams@ucsd.edu

If you would like an updated (corrected and expanded) version of the Ham Radio Internet Compendium, send me an e-mail (direct - not to the reflector)

73 de Jim, KA6A  
ARRL DXCC Field Representative  
ka6a@uiuc.edu

-----  
jcoleman@ux1.cso.uiuc.edu  
Microelectronics Laboratory  
University of Illinois  
208 North Wright Street  
Urbana, IL 61801  
(217) 333-2555 voice  
(217) 244-7645 FAX  
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Date: 27 Apr 94 13:42:53 -0600  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!darwin.sura.net!atlas.tntech.edu!  
jmg@network.ucsd.edu  
Subject: Heath computer trainer  
To: info-hams@ucsd.edu

For Sale Heath ETW-3400- Assembled microprocessor trainer  
and EE-3401-A Complete training course.

This is in new condition.. most of course and manuals, and  
tapes and parts still in original packages.

This is "The World's Most Popular Microprocessor Trainer"  
used by many universities and is described in Heath's  
current catalogs.

The ETW-3400-A sells for \$499.95

The EE-3401-A course for \$149.95

-----  
Total = \$649.90

I will sell this for \$150 + shipping.

Jeff

-----  
Date: 26 Apr 94 21:25:00 GMT  
From: hotmomma!brent!steve.allen@uunet.uu.net  
Subject: Illinois anti scanner  
To: info-hams@ucsd.edu

dave@llondel.demon.co.uk (David Hough) writes:

>>  
>>>Prohibits the possession of a receiver... unless the  
>>>device operates exclusively on alternating current power.  
>>  
>>What if the alternating current power is generated in your car?  
>>Assuming an AC-only receiver, would it be illegal to transport  
>>it in a vehicle along with a dc/ac inverter?  
>>  
>Most modern cars use an alternator to charge the battery and power most  
>of the electrical equipment. Where in the new law does it say \*where\*  
>the conversion from AC to DC has to take place? Even a mains battery  
>charger uses AC power, which is converted to DC before being used. So,  
>provide you use your scanner only with rechargeable batteries you can  
>argue that you are using AC power :-)

>Before acting on the above, note that I am \*not\* a US Lawyer.

With logic like that you wouldn't stand a chance of passing the bar.

---  
. QMPro 1.51 . This information for entertainment purposes only

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The Brentwood BBS! 12 Nodes (914)-381-1600

-----  
Date: 27 Apr 94 23:28:08 GMT  
From: agate!howland.reston.ans.net!EU.net!sunic!trane.uninett.no!nntp.uio.no!  
ifi.uio.no!wabbit.cc.uow.edu.au!metro!ipso!rwc@ucbvax.berkeley.edu  
Subject: IPS Daily Report - 27 April 94  
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT  
ISSUED AT 27/2330Z APRIL 1994 BY IPS RADIO AND SPACE SERVICES  
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.  
SUMMARY FOR 27 APRIL AND FORECAST UP TO 30 APRIL

IPS Warning 12 was issued on 26 April and is still current  
for interval April 29 - May 11.

-----  
1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 078/017

1B. SOLAR FORECAST

	28 April	29 April	30 April
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 078/017

1C. SOLAR COMMENT

None.

-----  
2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet

Estimated Indices :	A	K	Observed A Index 26 April
Learmonth	05	2222 2111	
Fredericksburg	07		06
Planetary	05		06

Observed Kp for 26 April: 1232 1212

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
28 Apr	15	Quiet to unsettled.
29 Apr	25	Active to minor storm.
30 Apr	40	Active to minor storm.

2C. MAGNETIC COMMENT

Coronal hole disturbance expected April 29 - May 11.



3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
27 Apr	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
28 Apr	normal	normal	normal
29 Apr	normal	normal	normal-fair
30 Apr	normal	normal-fair	fair-poor

3C. GLOBAL HF PROPAGATION COMMENT

NONE.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values

Observed T index for 27 April: 42

Predicted Monthly T Index for April is 40.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
28 Apr	40	Near predicted monthly values.
29 Apr	40	Near predicted monthly values.
30 Apr	20	About 15% below predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

Degraded HF comms conditions expected after April 29.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au fax: +61 2 4148331	PO Box 5606
RWC Duty Forecaster tel: +61 2 4148329	West Chatswood NSW 2057
Recorded Message tel: +61 2 4148330	AUSTRALIA

Date: 27 Apr 94 17:49:54 GMT

From: sdd.hp.com!col.hp.com!csn!erik@hplabs.hp.com

Subject: Need HTX-100 microphone

To: info-hams@ucsd.edu

I have an HTX-100. The microphone element seems to have gone bad. If you have just the element or the entire microphone you would like to part with, please let me know. Or if you have any info on equivalent parts that would

work, it would be most helpful.

Thanks

Erik

--

Erik Mugele           \*     erik@csn.org         \* "O child learn your ABZ's  
                      \*     mugele@sil.org       \* and memorize them well  
Ham Radio: N5YX       \* No NeXTMail yet!     \* and you shall learn to talk and think  
DoD #: 1030           \* Phone: 719.550.5335 \* and read and write and spel."

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Date: Wed, 27 Apr 94 16:25:01 EDT  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!gatech!  
newsxfer.itd.umich.edu!zip.eecs.umich.edu!panix!news.intercon.com!  
news.pipeline.com!malgudi.oar.net!hypnos!voxbox!jgrubs@network  
Subject: NEED INFO, Were you a Army radioman?  
To: info-hams@ucsd.edu

urjennings@msuvx2.memphis.edu writes:

> HI FOLKS,  
> I'm not sure that this is the correct group to post this question to, but non  
> of the \*.military.\* groups seem correct correct either. If this post offends  
> you, I apologize. Now that I have cleared my conscience...  
>  
> I'm looking for info & merchandise.  
>  
> A friend of mine has this former USArmy bag that he "acquired" while attendin  
> Boy Scouts summer camp in west Tennessee (this was around the mid-80's). The  
> were several others that were bagged (pun intended) by his partners in crime.  
>  
> Until recently, we thought it had been a map bag, but a few weeks ago someone  
> told my friend that it was a bag for a field radio. Either one seems  
> reasonable & I'm looking for both a definitive answer as to what it is and a  
> source for getting more of them because it's a really handy size.  
>  
> Here's a description of it

Sounds a little like the cases the old-fashioned field  
telephones came in...

```
/-----\
| Jim Grubs, W8GRT                   Voxbox Enterprises    Tel.: 419/882-2697 |
| jgrubs@voxbox.norden1.com       6817 Maplewood Ave.     |
| Fido: 1:234/1.0                   Sylvania, Ohio 43560   |
\-----/
```

-----  
Date: Wed, 27 Apr 94 13:53:45 EDT  
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!  
panix!news.intercon.com!news.pipeline.com!malgudi.oar.net!hypnos!voxbox!  
jgrubs@network.ucsd.edu  
Subject: Obtaining a MARS lisc  
To: info-hams@ucsd.edu

darryl.linkow@arbbs.simivalley.ca.us (Darryl Linkow) writes:

> CG>Any Technician or above (Novice class has to upgrade within  
> CG>one year) can apply to the state MARS director for each service  
> CG>(Army, Navy/Marine or Air Force). If you will send me what  
> CG>state you live in and what service you wish to be affiliated  
> CG>with, I will attempt to put you contact with that state's MARS  
> CG>director.  
>  
> I am new to amateur radio (still waiting for my license to come in  
> the mail!). Please explain what MARS is, and why I would want to  
> be affiliated with a particular service. I live in California.

MARS stands for Military Affiliate Radio System. it is a Defense  
Department sponsored civilian auxiliary designed to provide  
certain types of backup assistance to non-tactical military  
communications on military frequencies under military  
control/supervision. You have to pick a service because that's  
the way it's organized. There is no one MARS program. Each  
service has it's own.

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/-----\
| Jim Grubs, W8GRT          Voxbox Enterprises    Tel.: 419/882-2697 |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.    |
| Fido: 1:234/1.0          Sylvania, Ohio 43560    |
\--+-----/
```

-----  
Date: 26 Apr 1994 19:03:16 -0700  
From: ihnp4.ucsd.edu!pachbell.com!amdahl!netcomsv!dodge!not-for-  
mail@network.ucsd.edu  
Subject: personal autopatch calls  
To: info-hams@ucsd.edu

In article <mmarreroCoMo8y.I4y@netcom.com>,

Mike Marrero <mmarrero@netcom.com> wrote:

>I read recently that the FCC ruled that it is now permissible to make personal  
>calls via autopatch to conduct personal tasks such as making a doctors or  
>dentists appointment. Can anyone out there answer the following:

>

> 1: Is this true? And if so

Yes!

> 2: when did the ruling come down and

Late in 1993.

> 3: where can i get a copy of the ruling?

You can get it from the info@arrl.org mail server or ftp site oak.oakland.edu.

The part that changed is 97.113, the rest of the changes is as follows:

old rules:

Communications in which either party has a pecuniary interest are prohibited. (i.e. unless exempt due to emergency...)

new rules:

Communications in which the station licensee or control operator has a pecuniary interest are prohibited, including communications on behalf of an employer.

Therefore,

It is now legal to call anyone on the phone patch unless you the control operator or station licensee or your employer has a pecuniary interest.

I wonder how many pizza orders we will hear on the autopatch during this years field-day?

73,  
km6wt

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Date: Tue, 26 Apr 1994 09:37:47 -0400

From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!ncar!asuvax!pitstop.mcd.mot.com!  
mcdphx!schbbs!mothost!lmpsbbs!NewsWatcher!user@network.ucsd.edu

Subject: Weather Sat freqs.  
To: info-hams@ucsd.edu

In article <Cot0o2.HzB@bbc.co.uk>, boyer@rd.eng.bbc.co.uk (John Boyer)  
wrote:

>  
>  
> I am trying to put together a list of frequencies for the low orbit  
> weather satellites. Such as NOAA Meteosat etc. If anyone has freqs please  
> post them to me and I will compile a 'definitive list' and post it on the net.  
> It might also be an idea to state what mode (apt or hrpt) is transmitted  
> on any frequencies listed.  
>  
> John B  
>  
> John.boyer@rd.eng.bbc.co.uk

John - I suggest that you direct this request to two other groups which  
might be better equipped to answer your request for information:  
rec.radio.amateur.space                      and                      sci.geo.satellite-nav

Also, your final list should be posted in those areas, since they are  
the MOST appropriate locations for the data.

(Not to imply that this newsgroup is blind to the subject at hand!)

--

Karl Beckman, P.E.                      < STUPIDITY is an elemental force for which >  
Motorola Comm - Fixed Data              < no earthquake is a match.    -- Karl Kraus >

The statements and opinions expressed here are not those of Motorola Inc.  
Motorola paid a marketing firm a huge sum of money to get their opinions;  
they have made it clear that they do not wish to share those of employees.

Amateur radio WA8NVW @ K8MR.NEOH.USA.NA                      NavyMARS VBH @ NOGBN.NOASI

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Date: 27 Apr 94 16:42:29 GMT  
From: dog.ee.lbl.gov!agate!msuinfo!cravitma@ucbvax.berkeley.edu  
To: info-hams@ucsd.edu

References <042394000906Rnf0.77b9@amcomp.com>,  
<1994Apr25.141334.26398@mixcom.mixcom.com>, <2pgq25\$1ff@gopher.cs.uofs.edu>  
Subject : Re: FCC computers

On 25 Apr 1994 16:10:44 GMT, strange alien beings caused Bill Gunshannon

(bill@triangle.cs.uofs.edu) to write:  
> In article <1994Apr25.141334.26398@mixcom.mixcom.com>, kevin jessup  
<kevin.jessup@mixcom.mixcom.com> writes:  
> |>  
> |> BTW, what kind of computer are they running over in Gettysburg? A  
> |> PDP 1123 with the washing-machine sized drives?? On the otherhand,  
> |> even RSX11 is better than DOS!!  
> |>  
> Last time I heard (quite a while ago) it was a SPERRY 1100 running EXEC-8.  
> A PDP-11/23 running RSX11 (or RT11 for that matter) would run circles around  
> it. And if you think "washing-machine sized drives" sounds funny, the last  
> 1100 I worked on (also owned by the government) had a drum as well.  
> bill KB3YV

This Sperry is quite possibly still what is in use. It is possible  
that the "computers are down" thing that started this whole thread is  
because the FCC is junking their Sperry and moving to a PC LAN this  
month (supposedly electronic filing by the VECs will then be possible  
by the end of June).

/Matthew N9VWG

--  
Matthew Cravit, N9VWG | All opinions expressed here are  
Michigan State University | my own. I don't speak for MSU  
E-Mail: cravitma@cps.msu.ed | and they don't speak for me.  
G0/CS -d+@ -p+ c++ !l u+(++) e+(\*) s/+ n+(---) h+ f+ !g w+(+++ ) t++@ r(+) y?

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End of Info-Hams Digest V94 #462

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